What We Do With YOUR Data – Cancer Incidence and Mortality Report, Delaware 2006-2010

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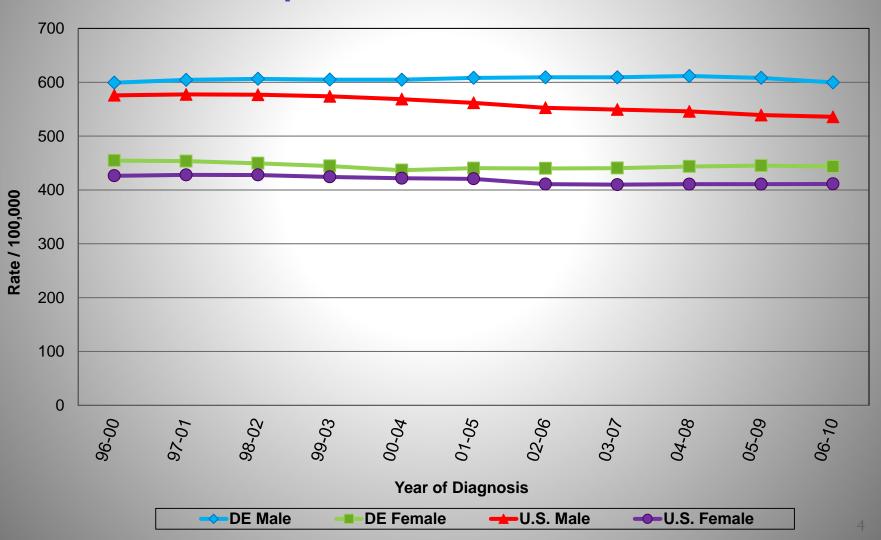
Cancer Incidence & Mortality Report Delaware, 2006-2010

- All cancer sites combined
- Eight individual cancer types
- Cancer sites associated with HPV infection
- Census tract analyses

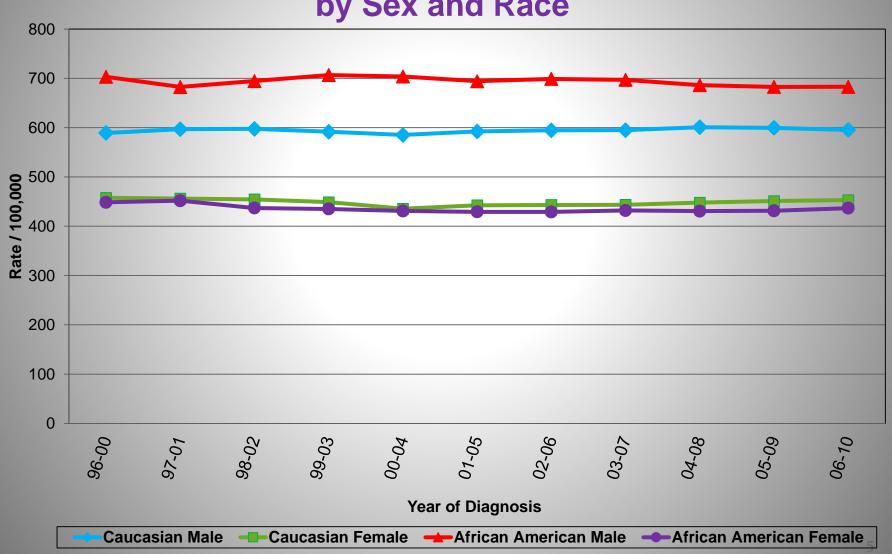
Cancer Incidence Delaware, 2006-2010

- 25,475 cases of cancer diagnosed among
 Delawareans
 - 53.2 percent male
 - 46.8 percent female
- Average of 5,095 cancer cases per year

How do Delaware's cancer incidence rates compare with the U.S. rates?



Delaware's Cancer Incidence Patterns by Sex and Race



Most Common Cancer Sites for Incidence Delaware, 2006-2010

Males

- prostate 31.1%
- lung 14.2%
- colorectal 8.6%
- urinary bladder 6.8%

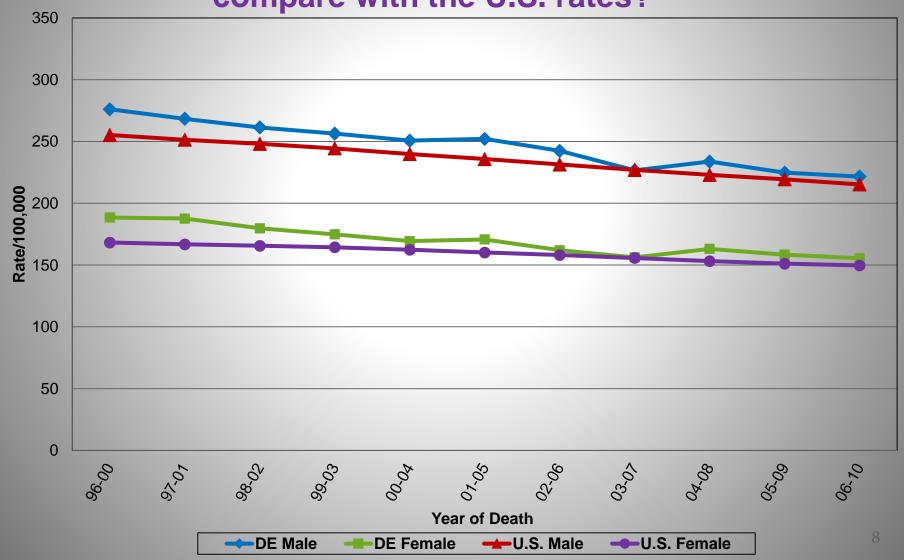
Females

- breast 28.3%
- lung 15.3%
- colorectal 9.2%
- uterus 6.2%

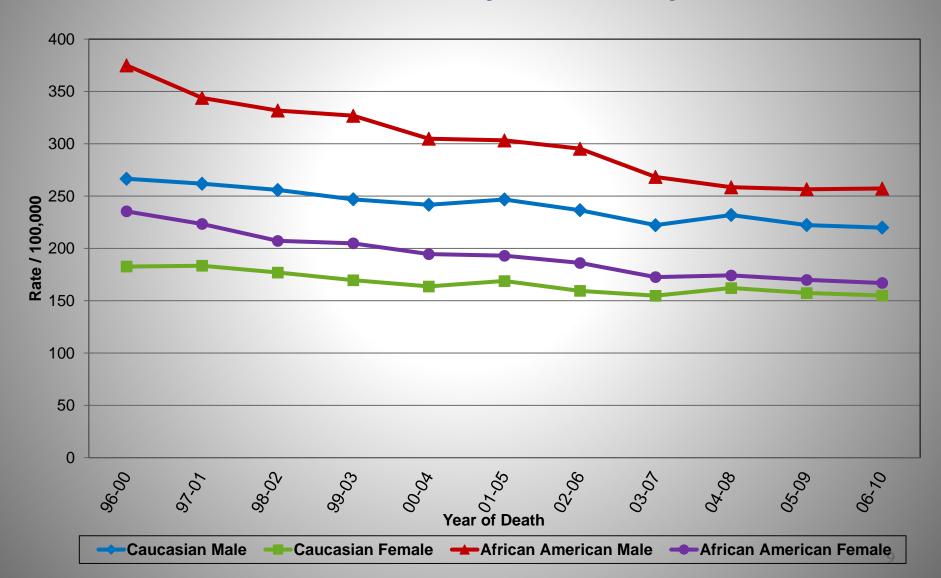
Cancer Mortality Delaware, 2006-2010

- 9,197 deaths from cancer among Delawareans
 - 52.4 percent are male
 - 47.6 percent are female
- Average of 1,840 cancer deaths per year

How do Delaware's cancer mortality rates compare with the U.S. rates?



Delaware's Cancer Mortality Patterns by Sex and Race



Deadliest Cancer Types in Delaware

Males

- lung 30.6%
- prostate 9.3%
- colorectal 8.9%
- pancreas 5.8%

Females

- lung 30.0%
- breast 14.1%
- colorectal 8.6%
- pancreas 6.0%

Lung Cancer

Progress

- incidence down 9.0% in DE compared with 7.1% U.S.
- DE 19.0% local stage vs. U.S. 17.9%

- current smokers = 19.7% vs. U.S. 19.6%
- % distant stage increasing while % local stage decreasing
- DE incidence significantly higher than U.S. (W M & W F)
- DE mortality significantly higher than U.S. (W & F)
- DE women 4th highest incidence & 3rd highest mortality

Colorectal Cancer

Progress

- DE 4th highest in screening 75.1% vs. 67.3% U.S.
- % local stage equal for Caucasians and African Americans
- DE incidence down 26.4% vs. U.S. 18.9%
- DE incidence 24th (was 19th) & mortality 24th (was 21st)
- racial disparity in incidence no longer stat. significant
- DE mortality down 28.3% vs. 22.6% U.S.

- incidence in males still significantly higher than females
- mortality in males also significantly higher than females

Female Breast Cancer

Progress

- DE 3rd highest in nation for breast cancer screening in 2012
- local stage dx = 65.1% versus U.S = 62.2%
- narrowing of racial disparity for local and regional stage @ dx
- mortality declined 28.7% in DE vs. 18.4% U.S.

- most common cancer in women
- since 1996-2000, DE incidence decreased 6.9% vs. U.S. down 11.1%
- among blacks, DE incidence increased 7.2% while U.S. rate down 1.4%
- no decline in distant stage

Prostate Cancer

Progress

- DE PSA rate 2nd highest 52.7% vs. 45.2% U.S.
- since 1980-1984, % local stage increased from 50% to 73.2%
- DE cases diagnosed in local stage = 85.8% vs. 80.0% U.S.
- DE cases diagnosed in distant stage = 2.9% vs. 4.1% U.S.

- more conversations with healthcare providers
- DE's incidence significantly higher than U.S.
- incidence significantly higher in blacks than whites
- incidence increasing 13.4% among blacks vs. 8.7% whites

Burden of HPV-Associated Cancers

- two prophylactic vaccines in 2006
- Delaware's vaccination rate (3+ doses) higher among blacks than whites (49.6% vs. 44.7 %)
- Delaware's vaccination rate significantly higher than U.S.
- cancers associated with HPV: 229 men and 409 women
- cancers attributable to HPV: 31 women and 67 women

The Delaware Cancer Consortium's Data Committee works with the Delaware Cancer Registry Advisory Committee (DCRAC), specifically to develop routes of efficient and effective communication between the Registry and its stakeholders.

Goal 1 of the Data Committee:

Ensure utilization of Delaware Cancer Registry data for public health and surveillance research

- Current Informal Investigations
 - liver cancer
 - melanoma of the skin

Other Uses of Cancer Registry Data

- Linkage with Screening For Life (SLF) clients
- Supplemental data on Delaware Cancer
 Treatment Program (DCTP) patients
- Community cluster investigations

DE Cancer Incidence and Mortality 2006-2010 full report:

http://dhss.delaware.gov/dph/dpc/files/imreport_2006-10.pdf

Secondary Analysis of Census Tracts 2006-2010:

http://dhss.delaware.gov/dph/dpc/files/censustractrpt_2006-10.pdf